

FIG. 1 PRIOR ART

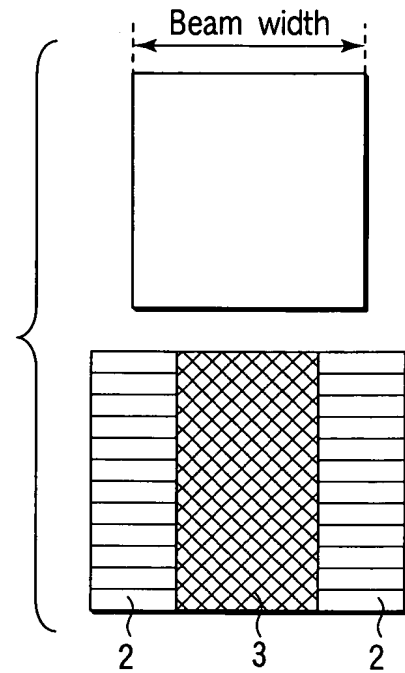


FIG. 3 PRIOR ART

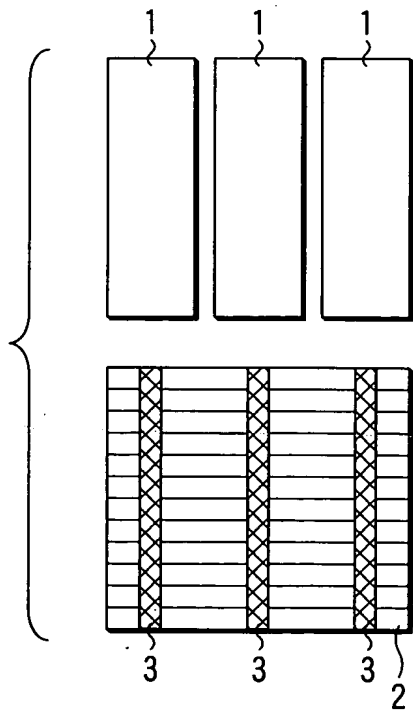


FIG. 2 PRIOR ART

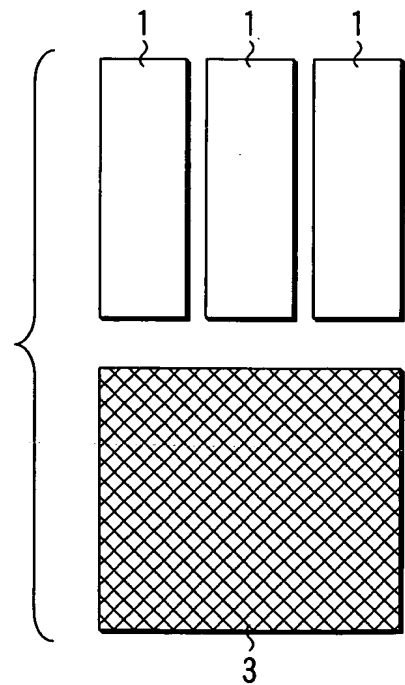


FIG. 4 PRIOR ART

20067309.020711

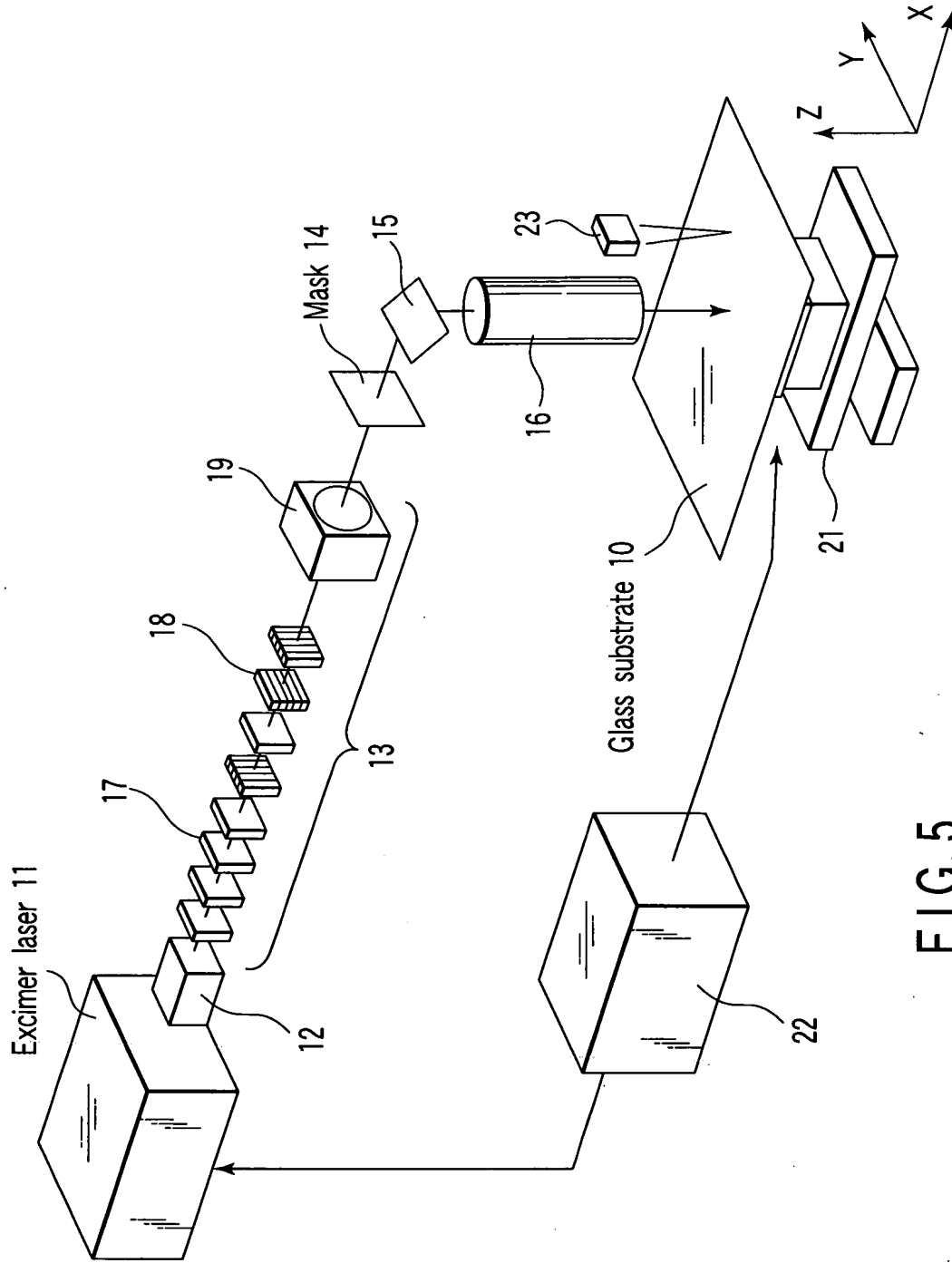


FIG. 5

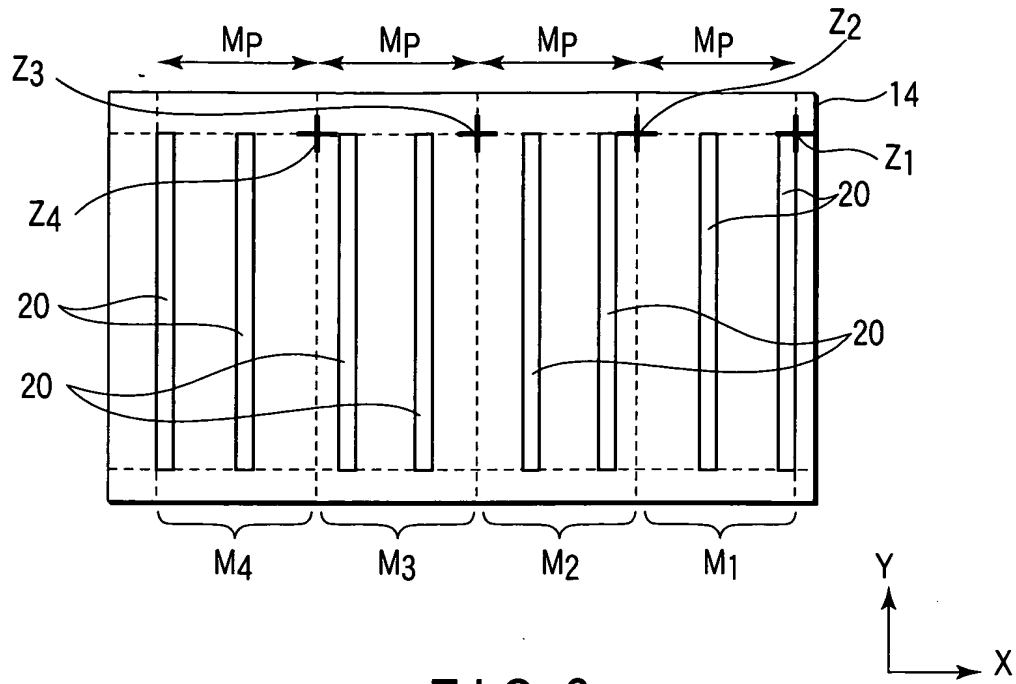


FIG. 6

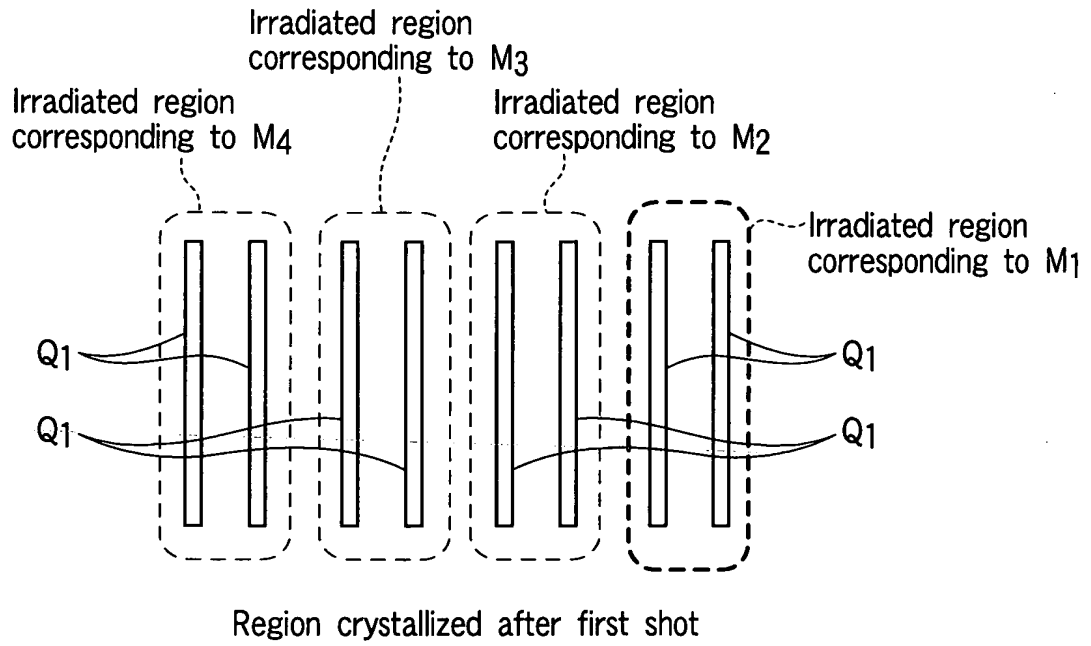


FIG. 7

20250720 16:20:02 10067309.020702

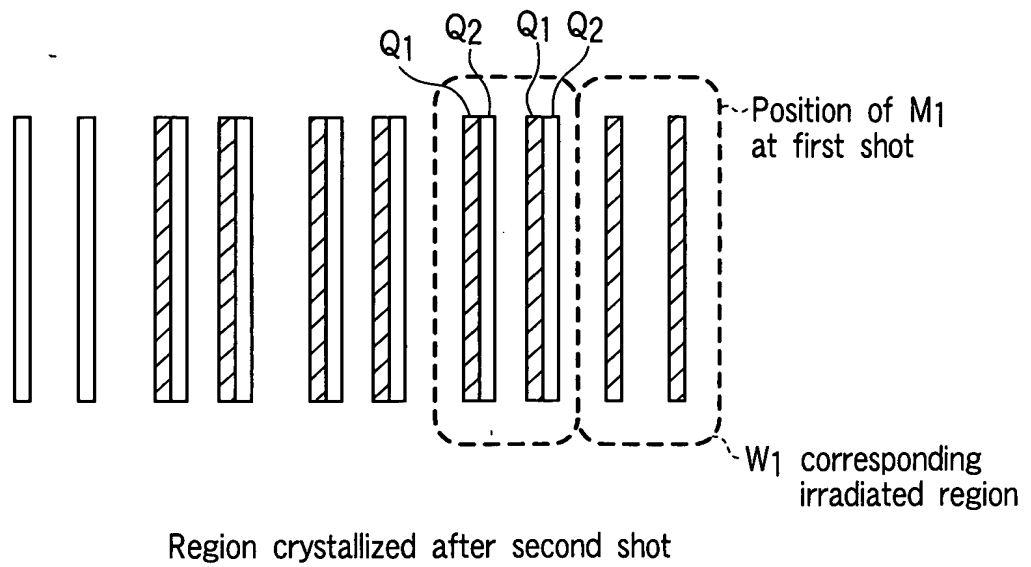


FIG. 8

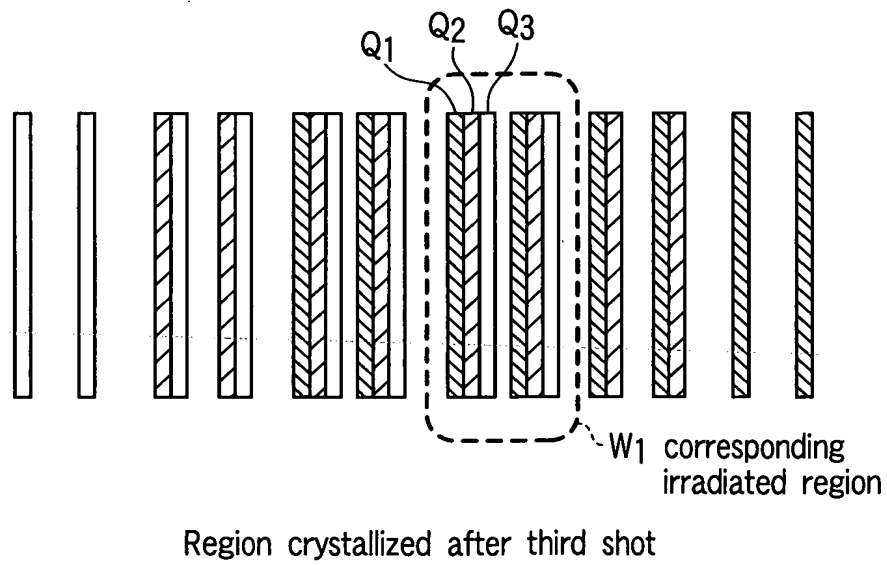
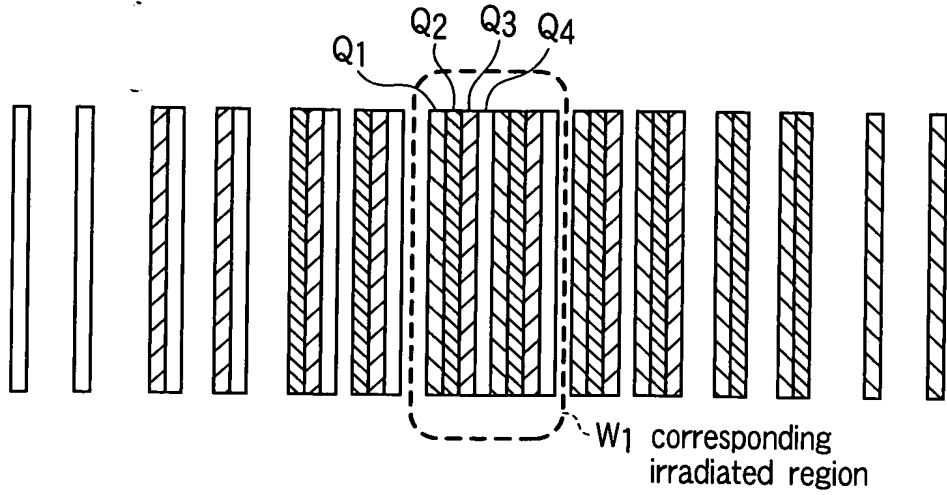
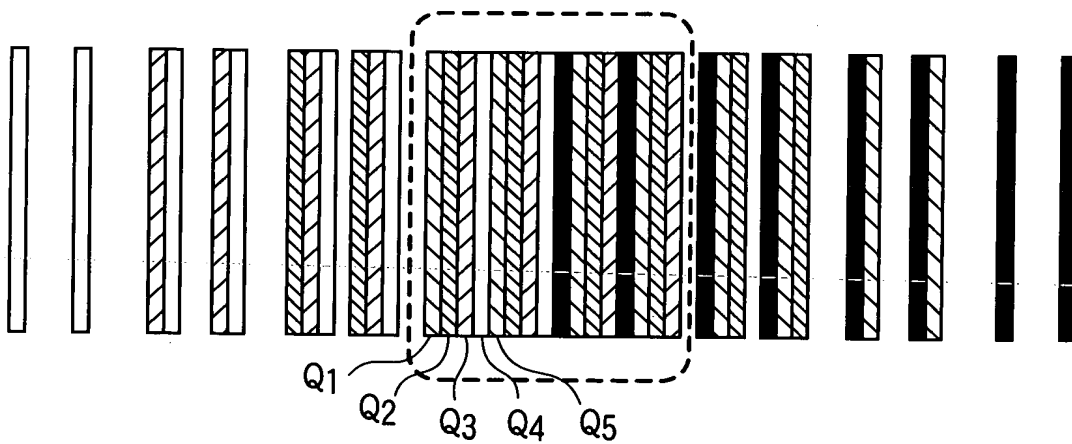


FIG. 9



Region crystallized after fourth shot

FIG. 10



Region crystallized after fifth shot

FIG. 11

20100200-50E/9001

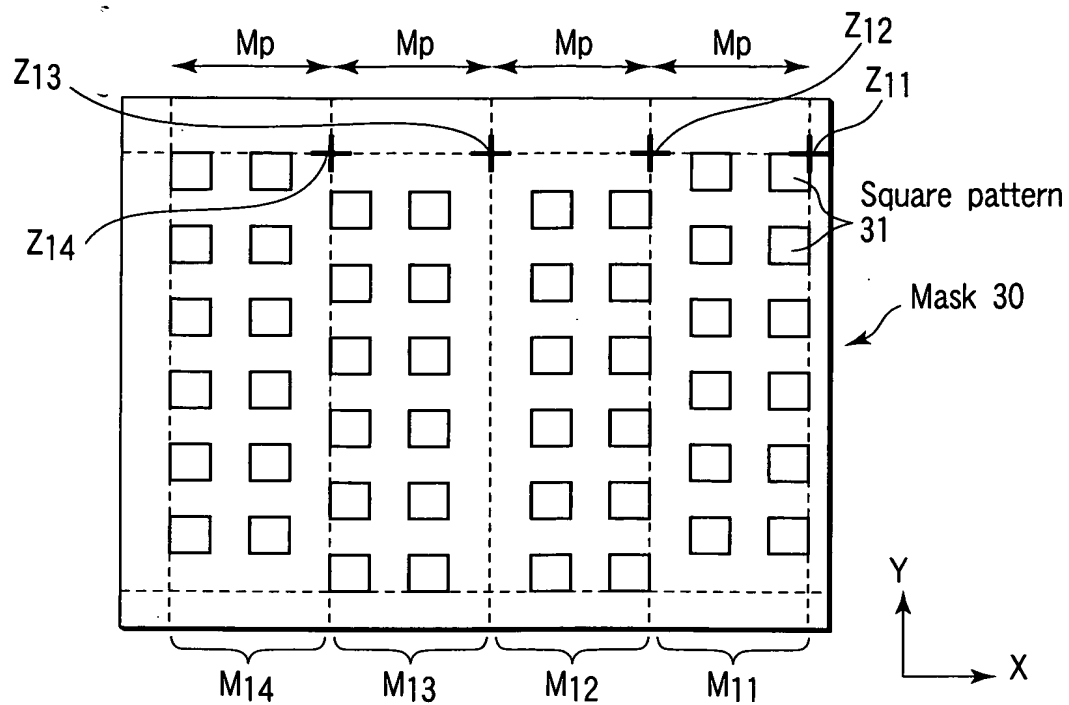


FIG. 12

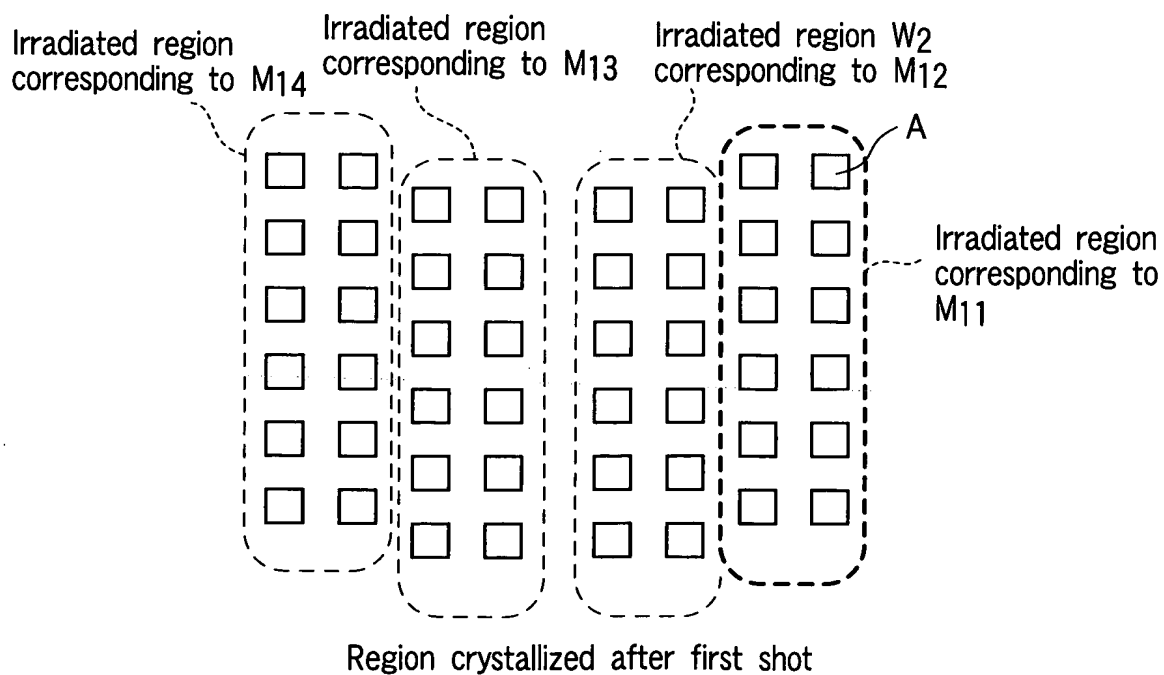
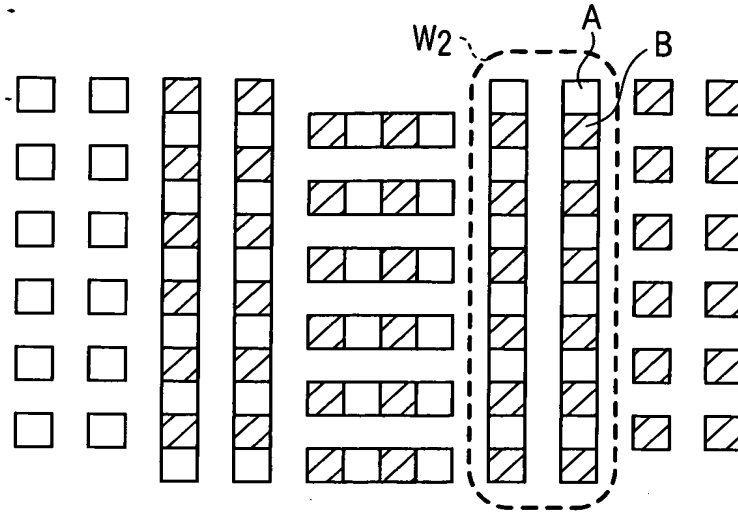
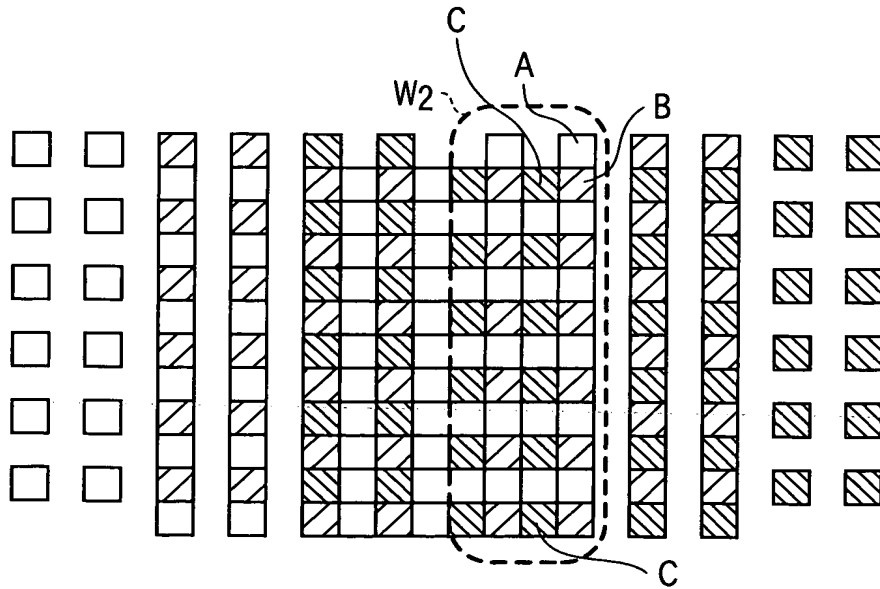


FIG. 13



Region crystallized after second shot

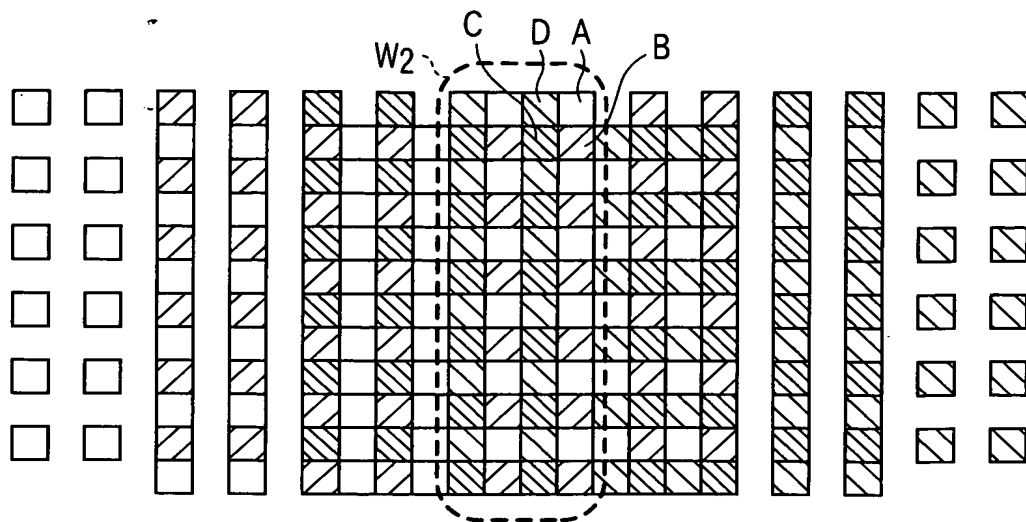
FIG. 14



Region crystallized after third shot

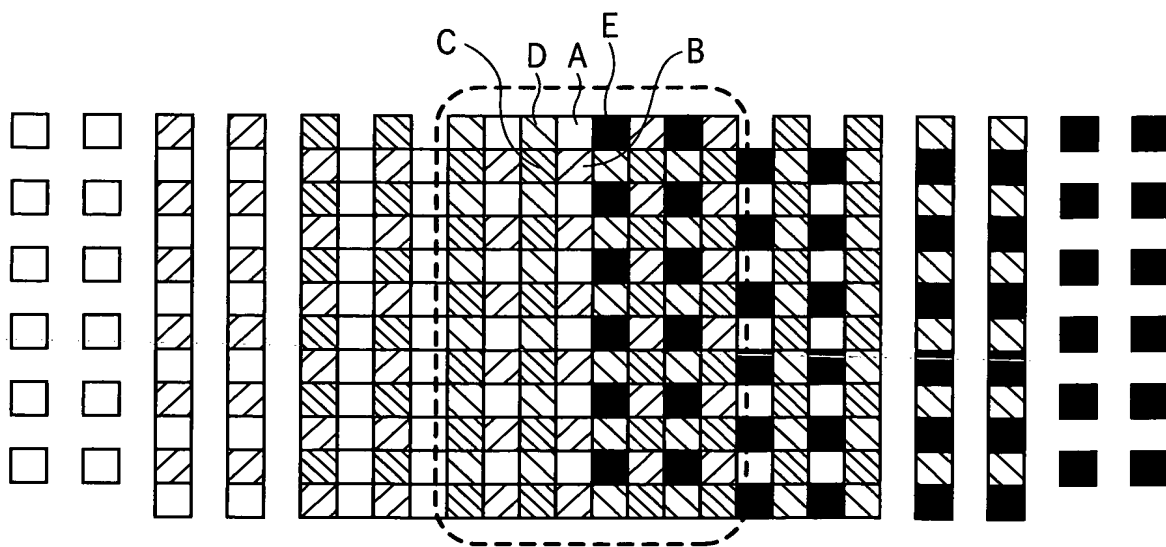
FIG. 15

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Region crystallized after fourth shot

FIG. 16



Region crystallized after fifth shot

FIG. 17



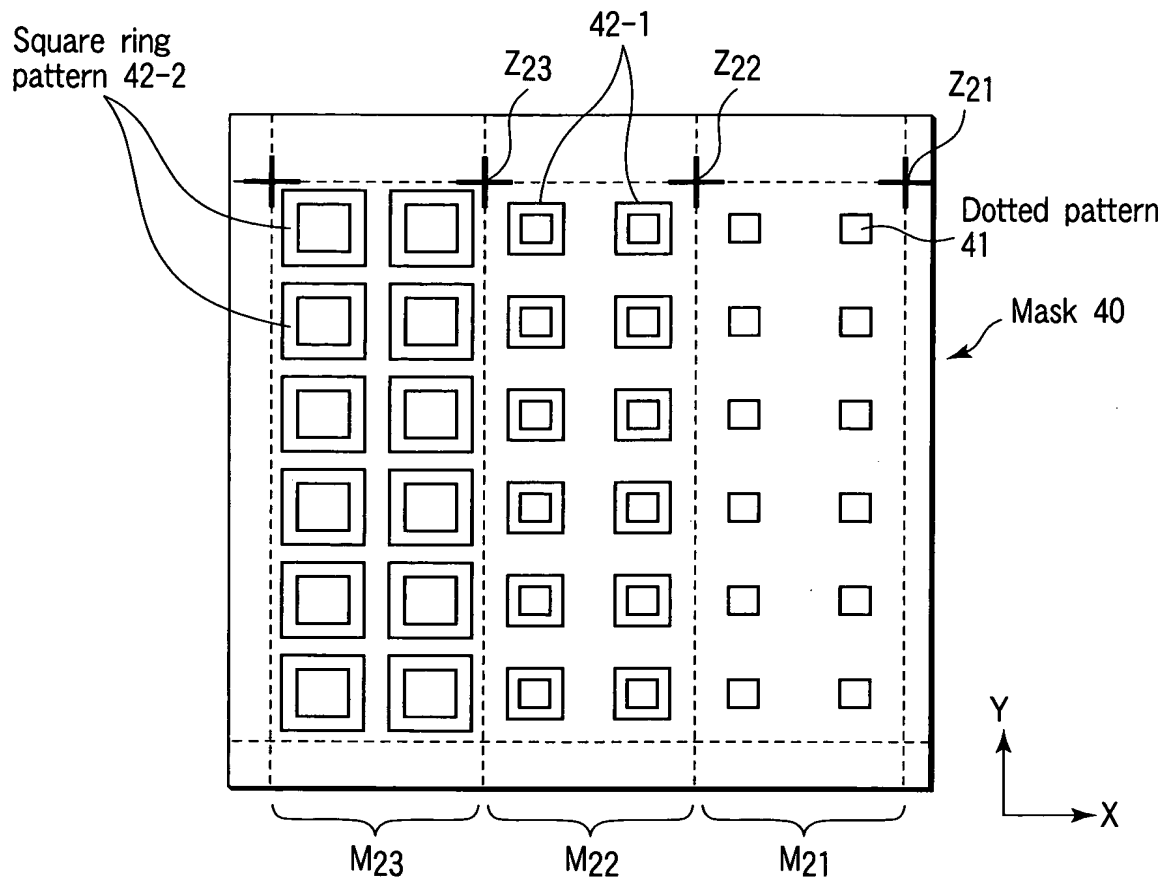


FIG. 18

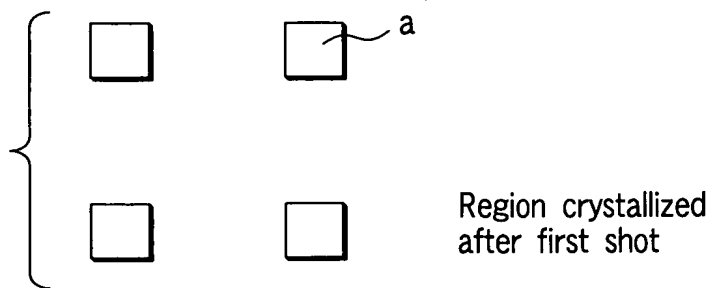


FIG. 19

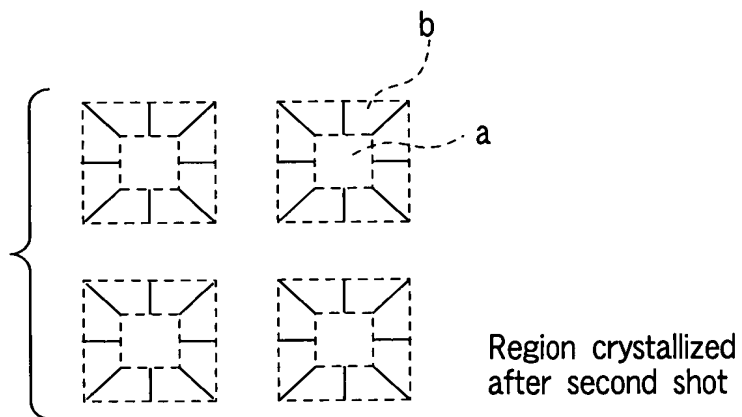


FIG. 20

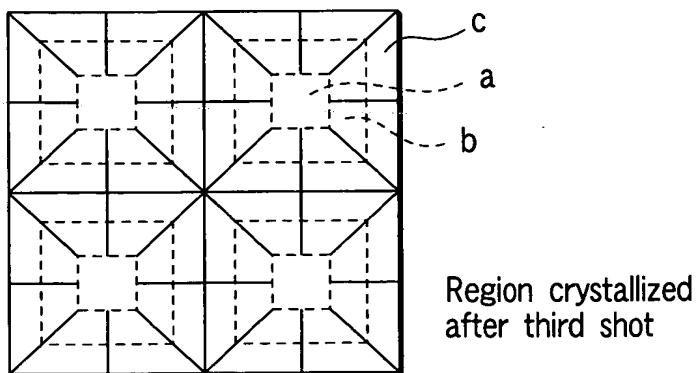


FIG. 21

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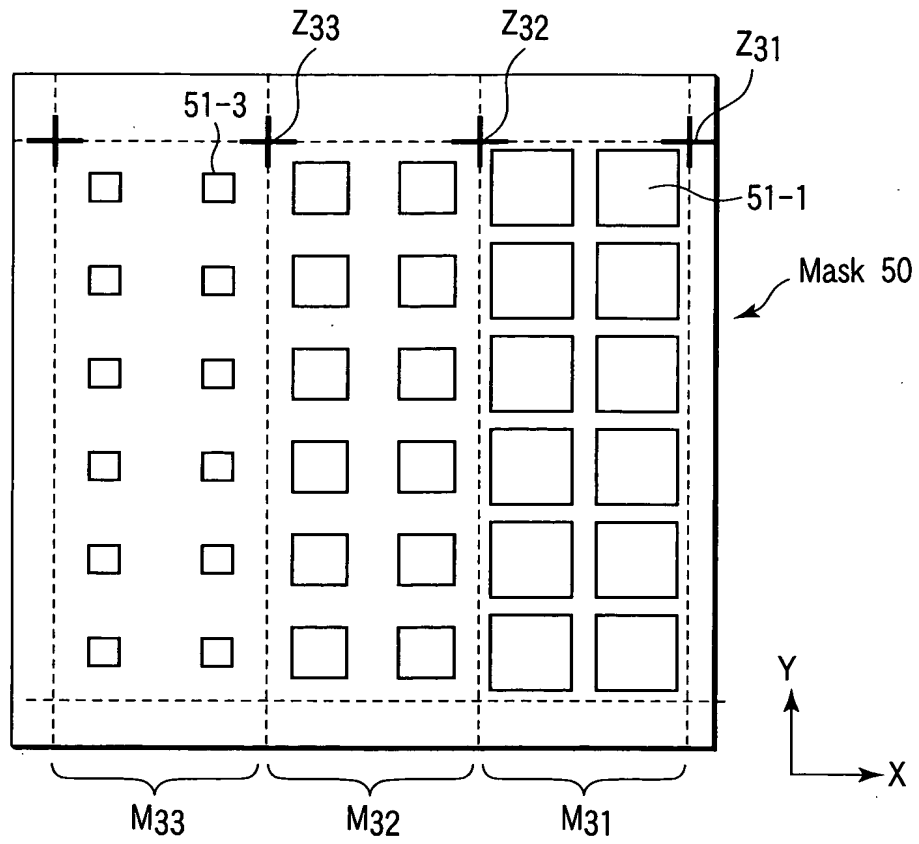


FIG. 22

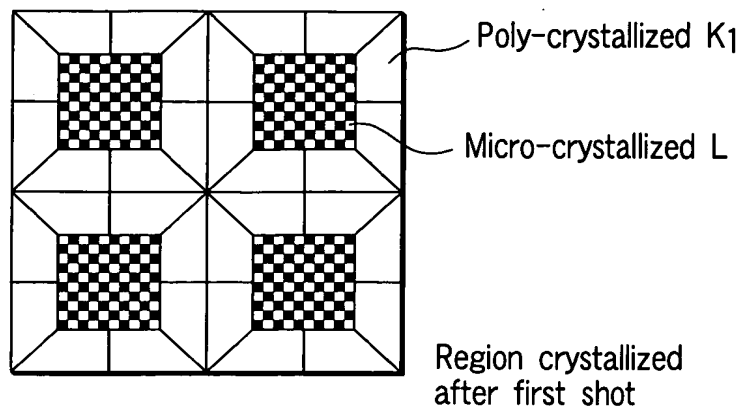


FIG. 23

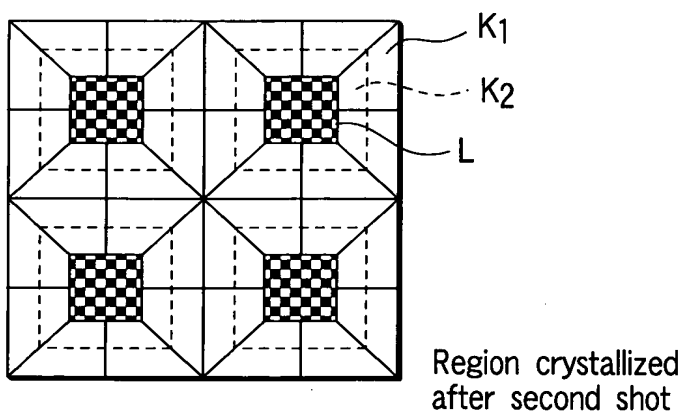


FIG. 24

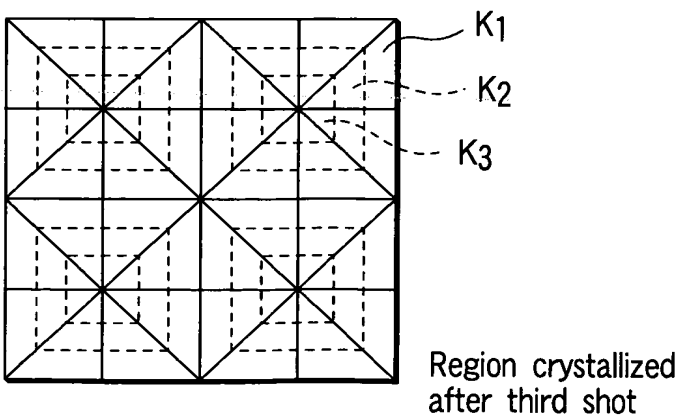


FIG. 25

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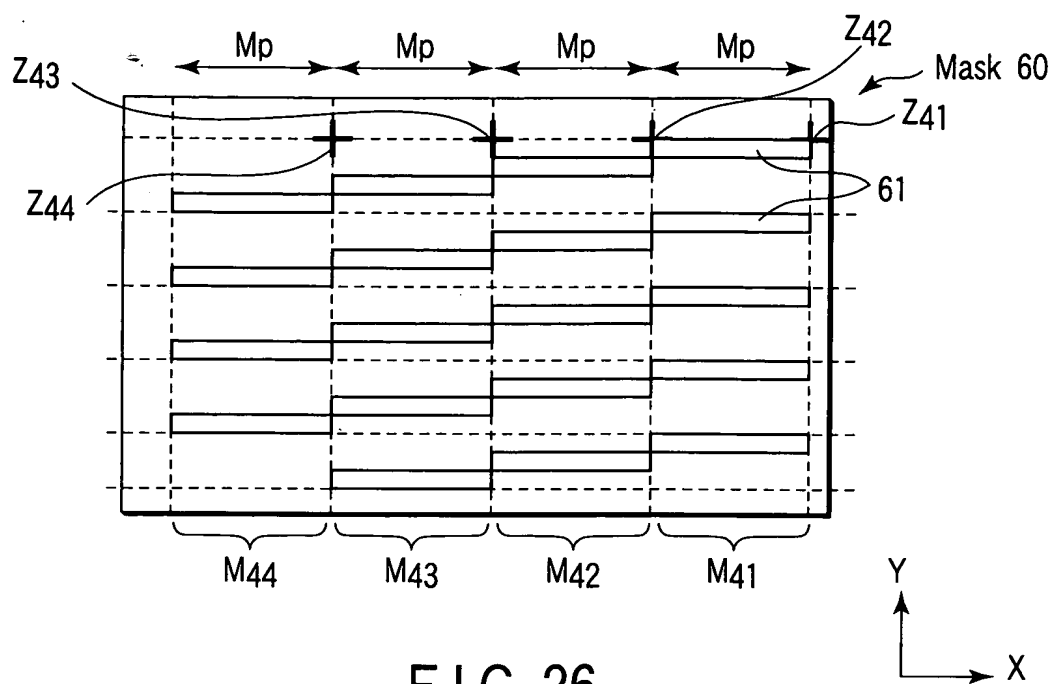


FIG. 26

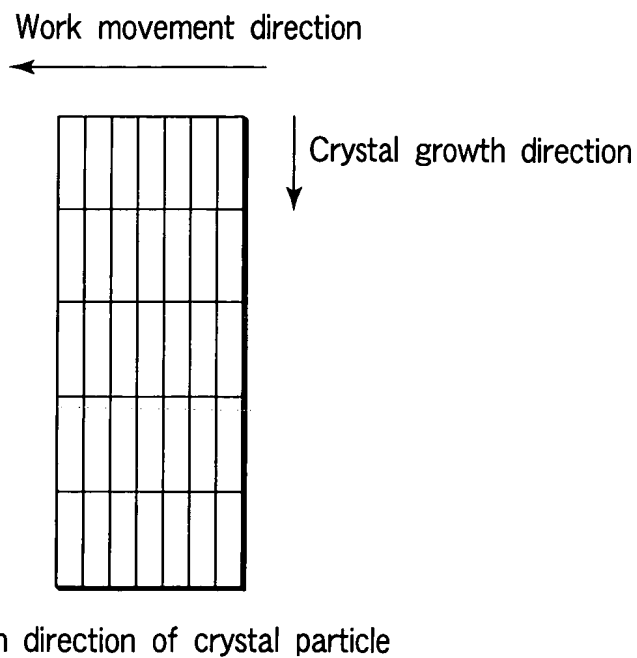


FIG. 27

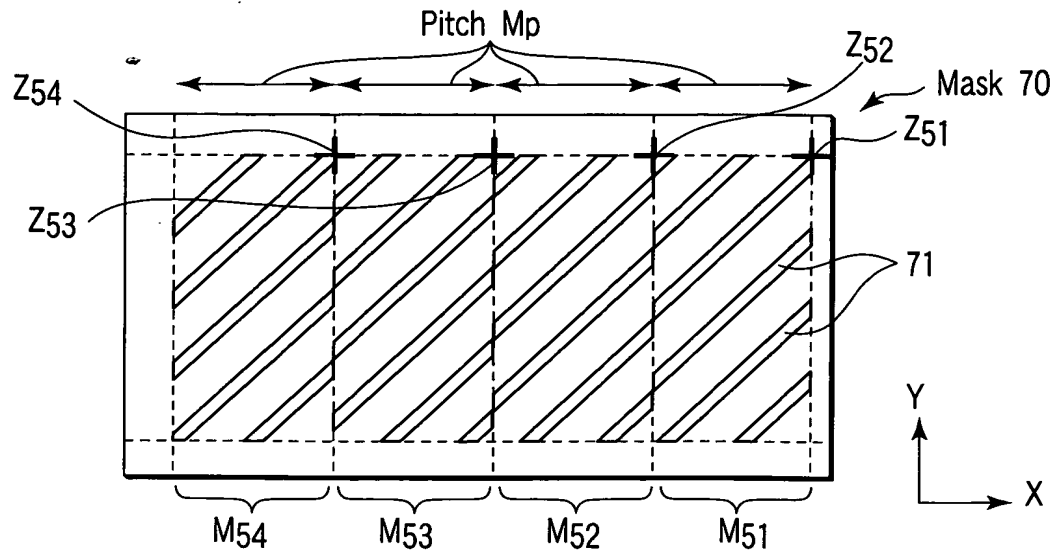


FIG. 28

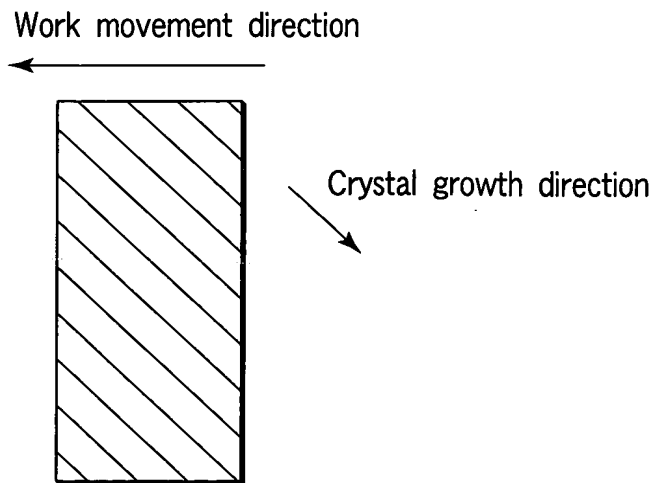


FIG. 29

20250609 100630.000

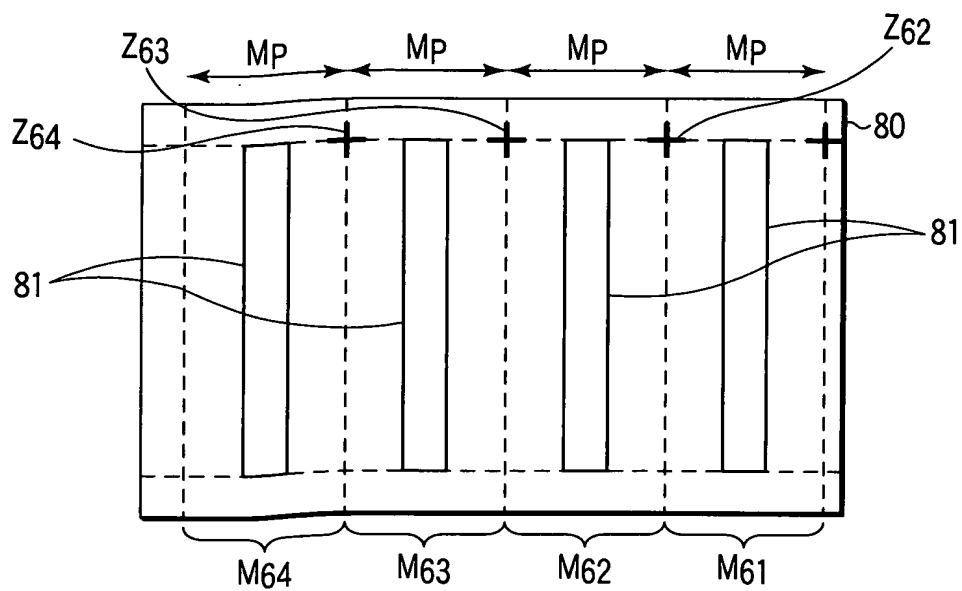


FIG. 30

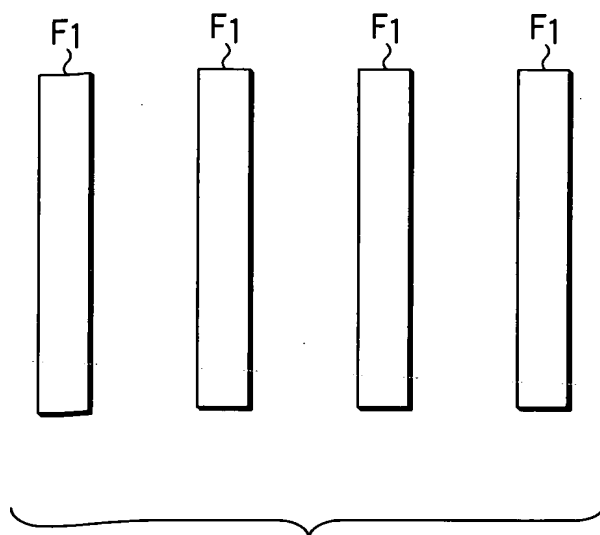
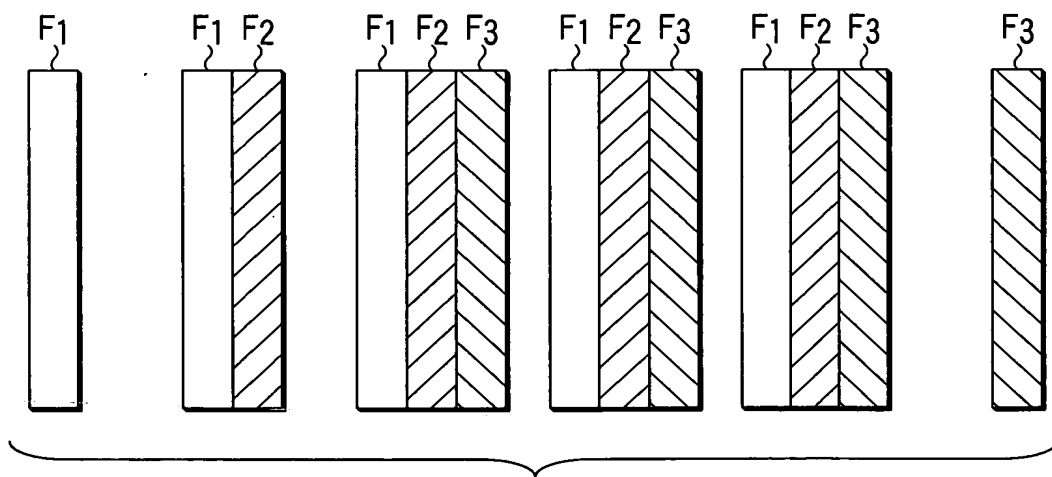
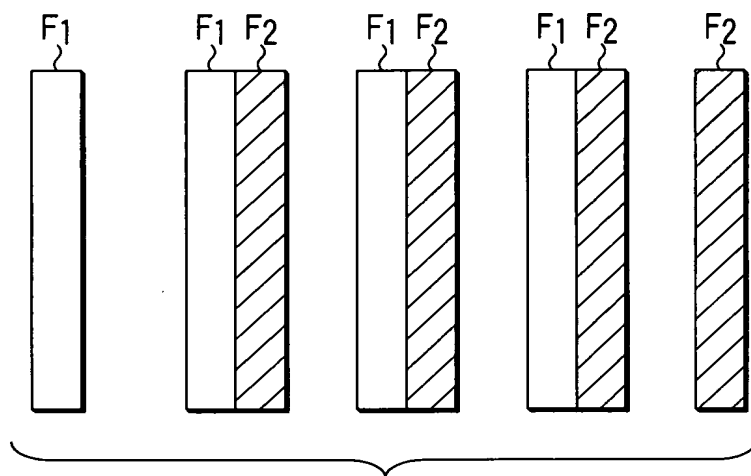


FIG. 31

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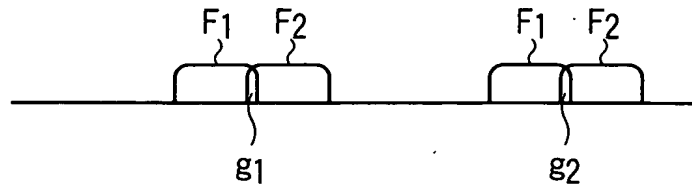


FIG. 34

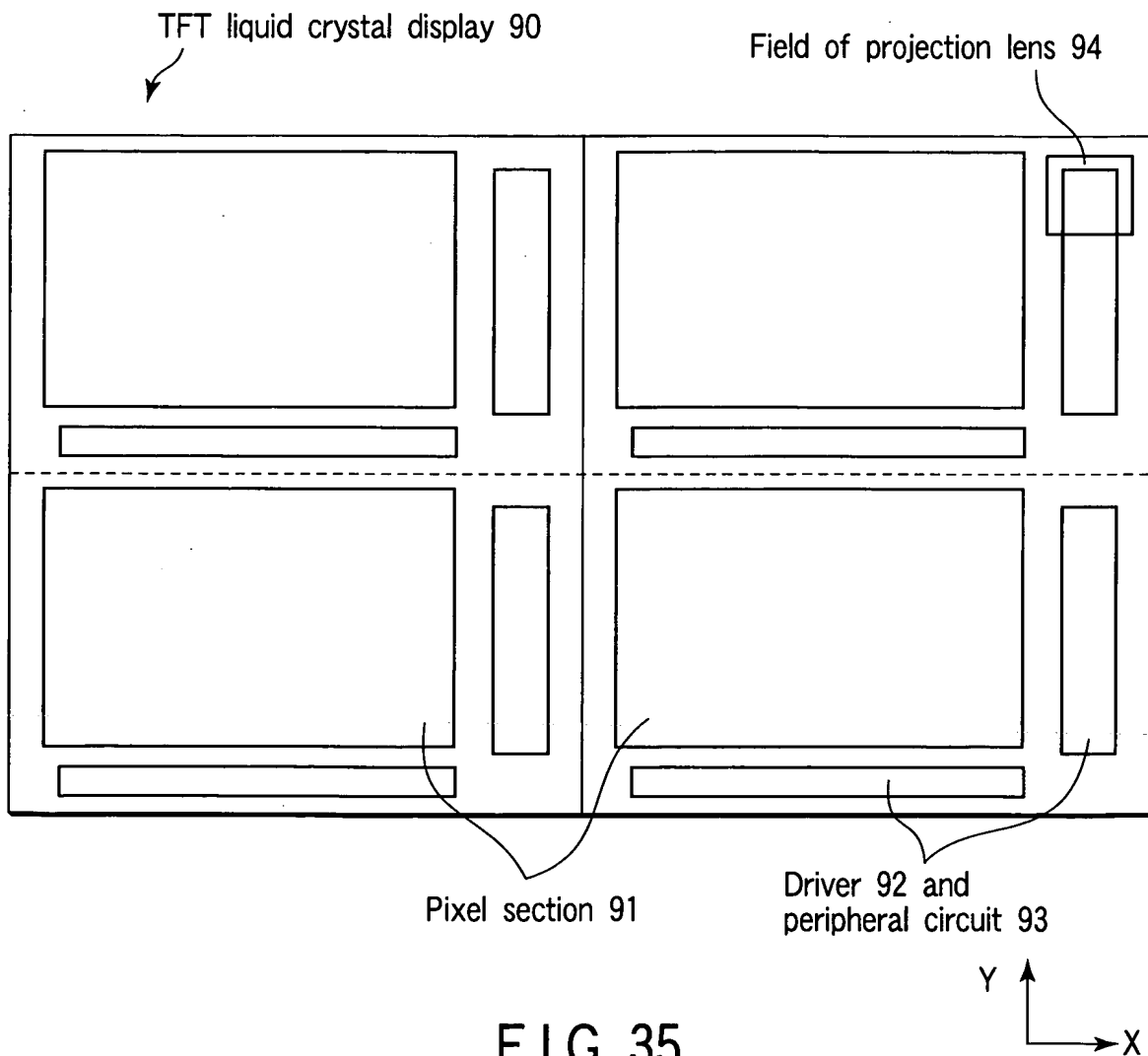


FIG. 35

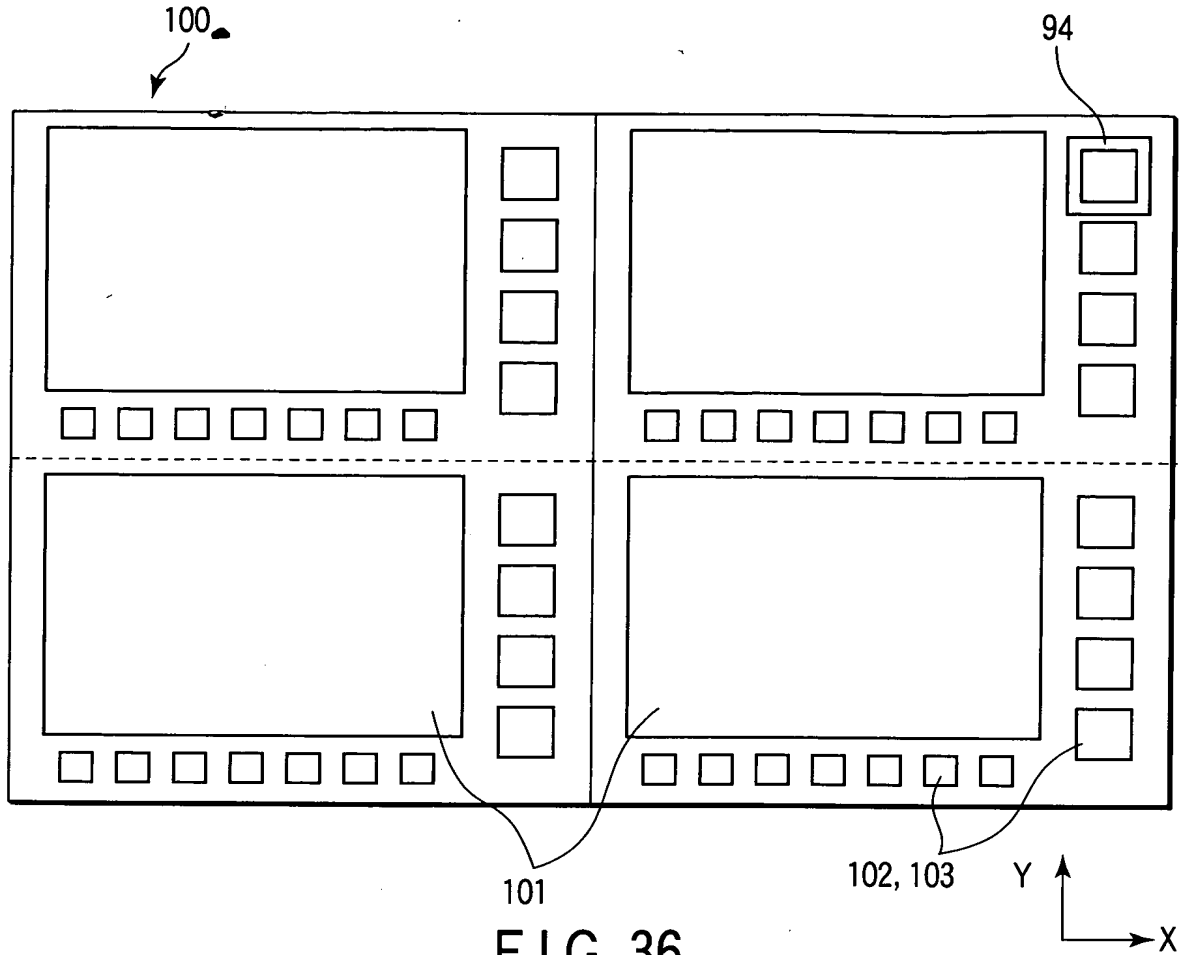


FIG. 36

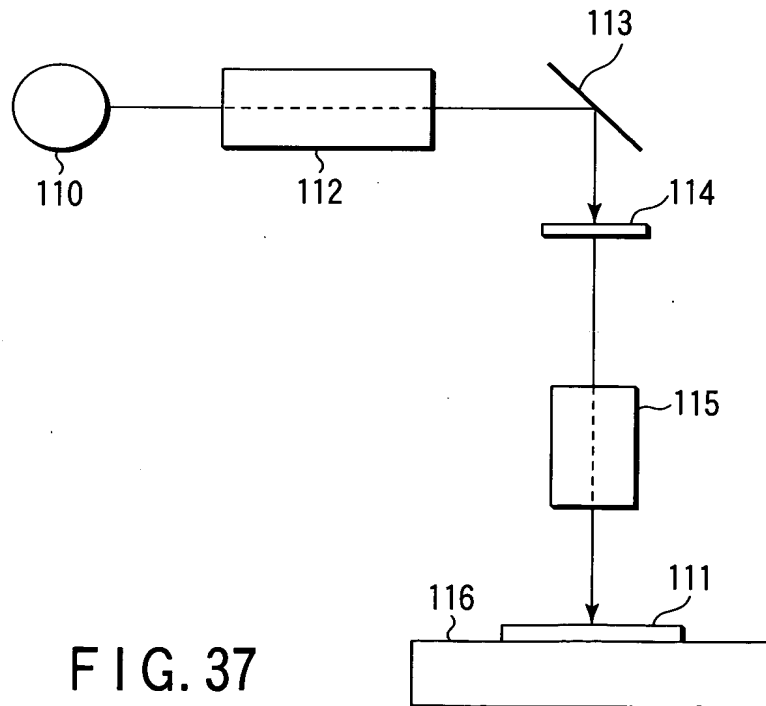


FIG. 37

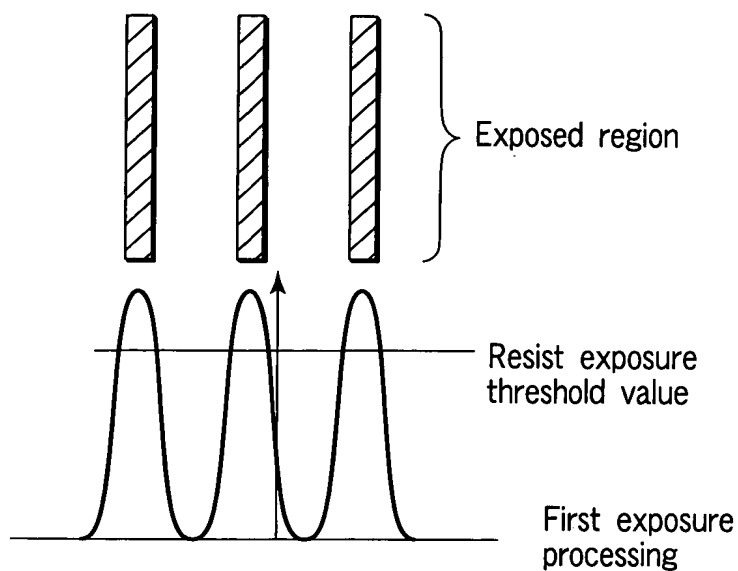


FIG. 38

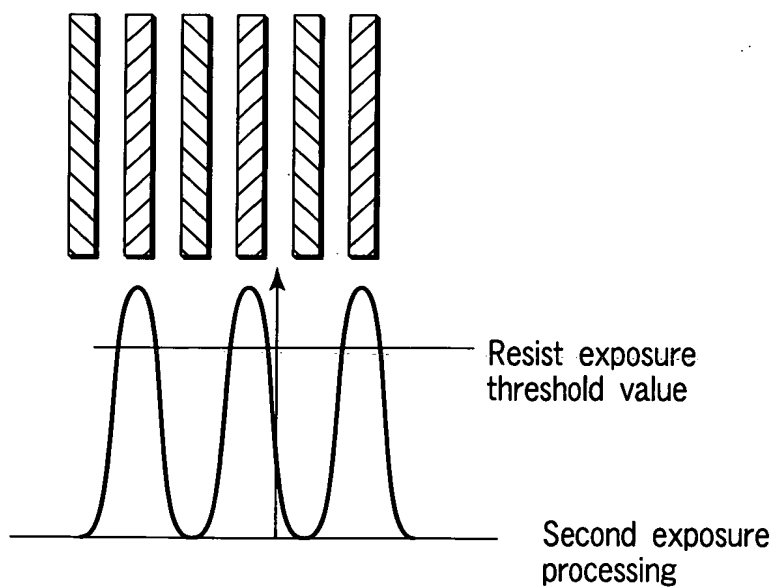
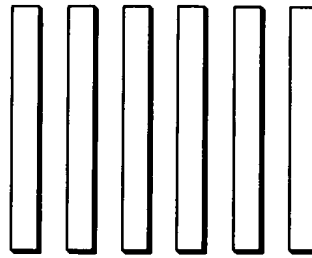
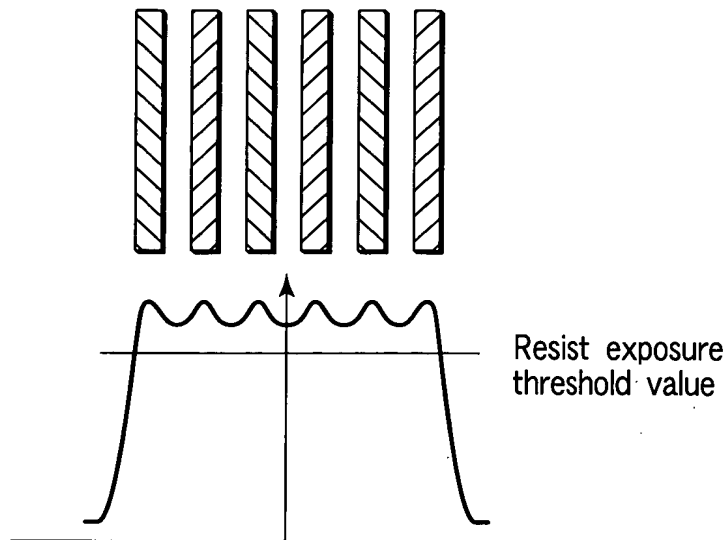


FIG. 39



Region of exposure result

FIG. 40



Resist exposure  
threshold value

Exposed region

FIG. 41